

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030325AL\
 Data File : FC068344.D
 Signal(s) : FID1A.ch
 Acq On : 03 Mar 2025 09:50
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 04 02:38:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:52:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.392	3186126	20.389 ug/ml
Spiked Amount 50.000		Recovery =	40.78%
12) S 1-chlorooctadecane (S...	12.833	2272325	19.759 ug/ml
Spiked Amount 50.000		Recovery =	39.52%
Target Compounds			
1) T n-Nonane (C9)	3.203	2986306	21.808 ug/ml
2) T n-Decane (C10)	4.260	3047273	21.949 ug/ml
3) T A~Naphthalene (C11.7)	5.826	3253342	21.671 ug/ml
4) T n-Dodecane (C12)	6.268	2995761	21.444 ug/ml
5) T A~2-methylnaphthalene...	6.878	3028734	21.087 ug/ml
6) T n-Tetradecane (C14)	8.055	2866098	21.000 ug/ml
7) T n-Hexadecane (C16)	9.650	2878125	20.714 ug/ml
8) T n-Octadecane (C18)	11.088	2869657	20.510 ug/ml
10) T n-Eicosane (C20)	12.393	2739988	20.478 ug/ml
11) T n-Heneicosane (C21)	13.004	2665615	20.296 ug/ml
13) T n-Docosane (C22)	13.588	2727048	21.053 ug/ml
14) T n-Tetracosane (C24)	14.689	2851786	22.213 ug/ml
15) T n-Hexacosane (C26)	15.707	2915709	23.171 ug/ml
16) T n-Octacosane (C28)	16.655	3013486	24.094 ug/ml
17) T n-Tricontane (C30)	17.540	3151560	24.382 ug/ml
18) T n-Dotriacontane (C32)	18.372	3035386	24.281 ug/ml
19) T n-Tetratriacontane (C34)	19.154	2519941	23.231 ug/ml
20) T n-Hexatriacontane (C36)	19.894	2066478	22.330 ug/ml
21) T n-Octatriacontane (C38)	20.603	1819606	21.235 ug/ml
22) T n-Tetracontane (C40)	21.453	1553593	19.213 ug/ml

(f)=RT Delta > 1/2 Window

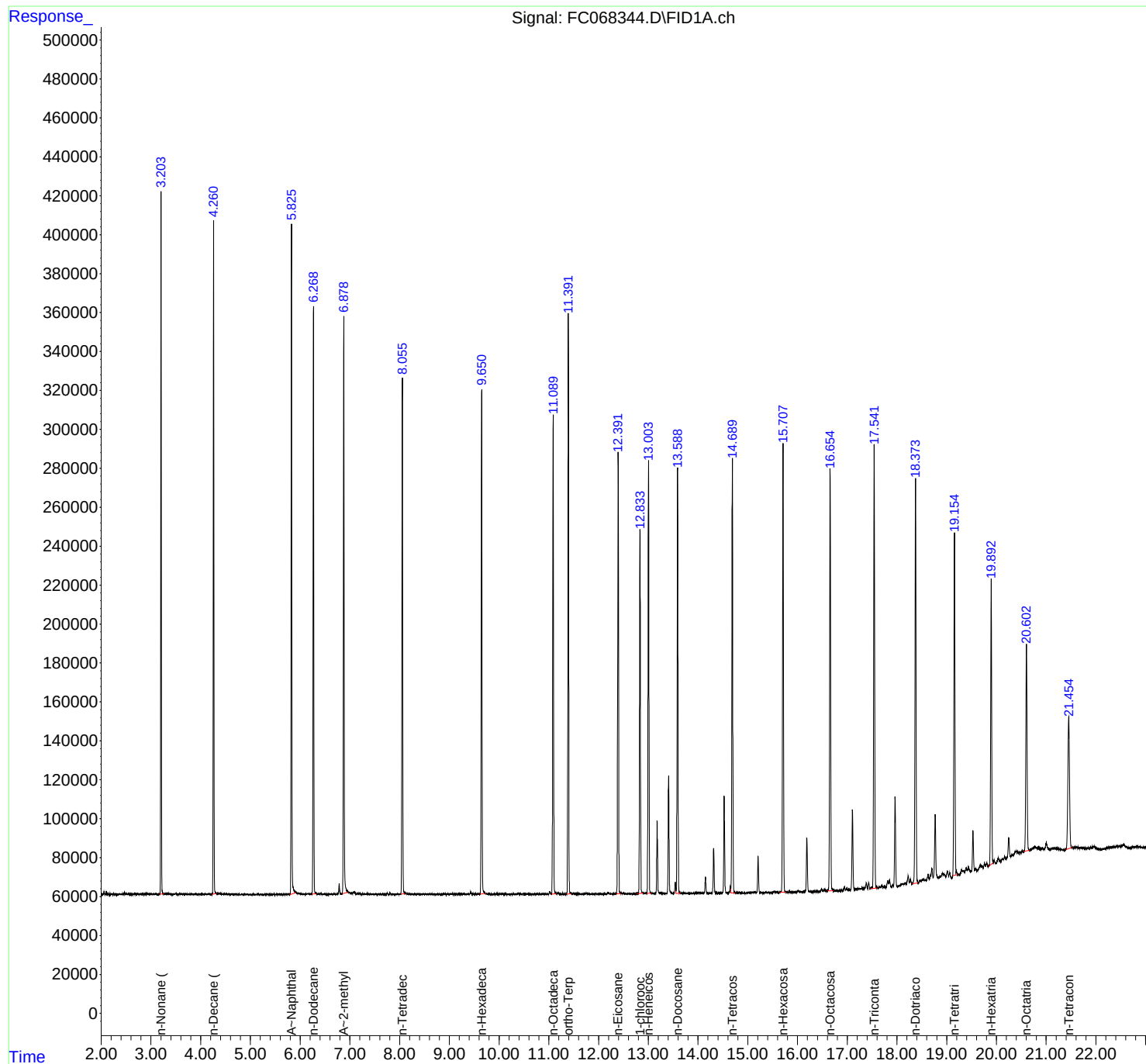
(m)=manual int.

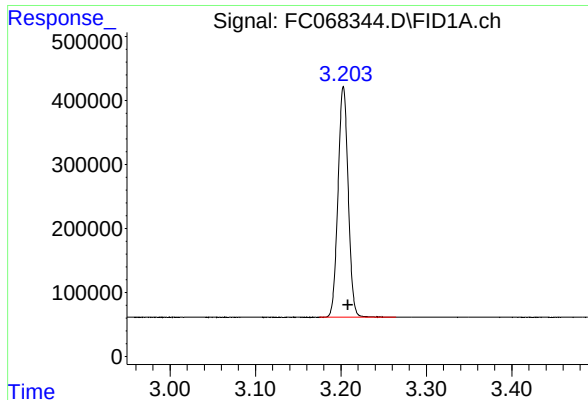
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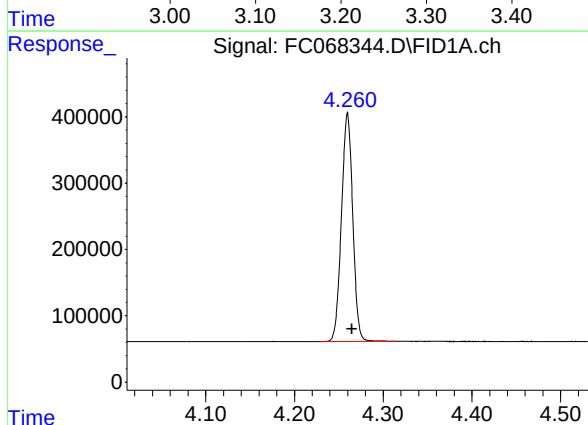




#1 n-Nonane (C9)

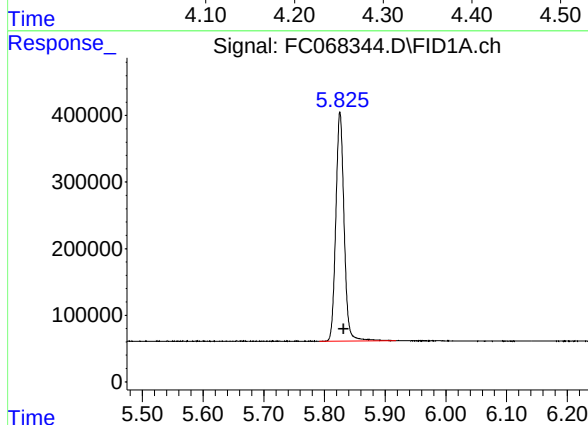
R.T.: 3.203 min
Delta R.T.: -0.005 min
Response: 2986306
Conc: 21.81 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



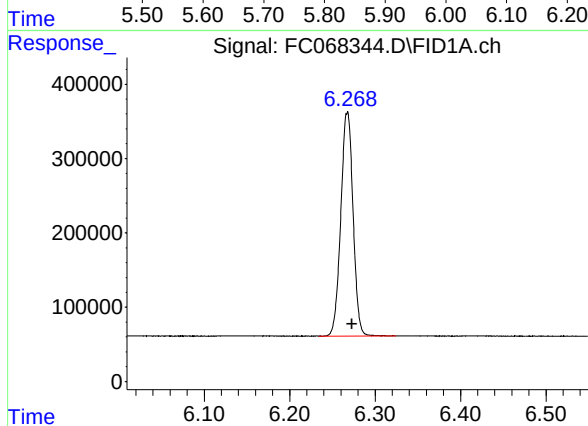
#2 n-Decane (C10)

R.T.: 4.260 min
Delta R.T.: -0.005 min
Response: 3047273
Conc: 21.95 ug/ml



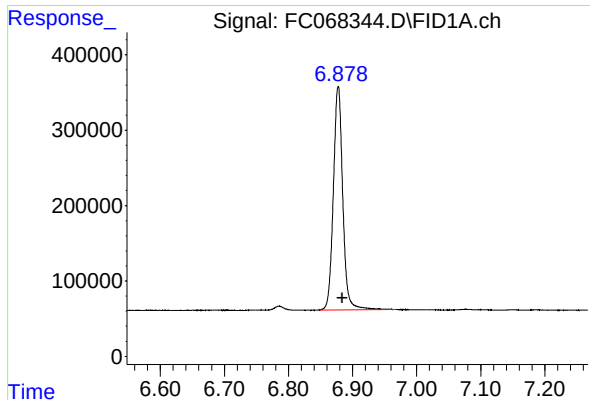
#3 A~Naphthalene (C11.7)

R.T.: 5.826 min
Delta R.T.: -0.006 min
Response: 3253342
Conc: 21.67 ug/ml



#4 n-Dodecane (C12)

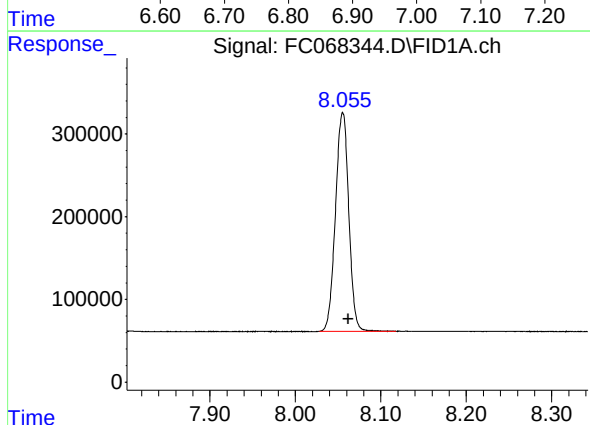
R.T.: 6.268 min
Delta R.T.: -0.006 min
Response: 2995761
Conc: 21.44 ug/ml



#5 A~2-methylnaphthalene (C12.89)

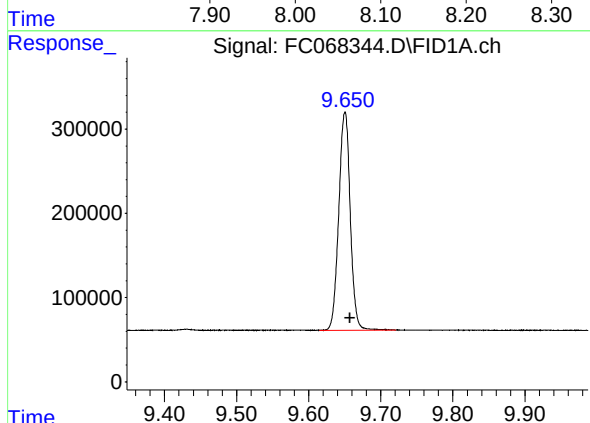
R.T.: 6.878 min
Delta R.T.: -0.006 min
Response: 3028734
Conc: 21.09 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



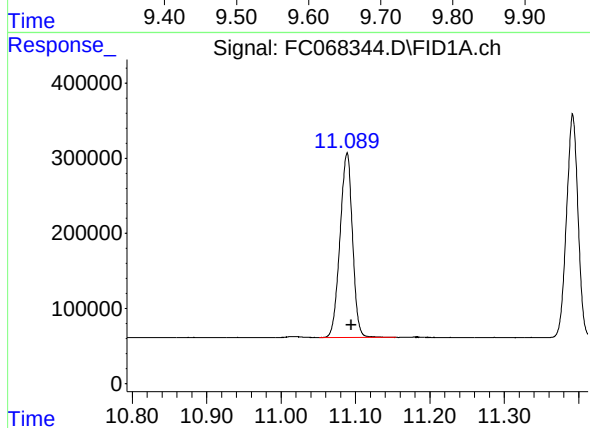
#6 n-Tetradecane (C14)

R.T.: 8.055 min
Delta R.T.: -0.006 min
Response: 2866098
Conc: 21.00 ug/ml



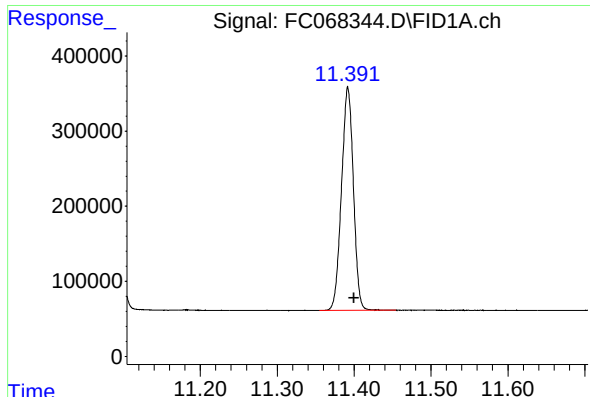
#7 n-Hexadecane (C16)

R.T.: 9.650 min
Delta R.T.: -0.007 min
Response: 2878125
Conc: 20.71 ug/ml



#8 n-Octadecane (C18)

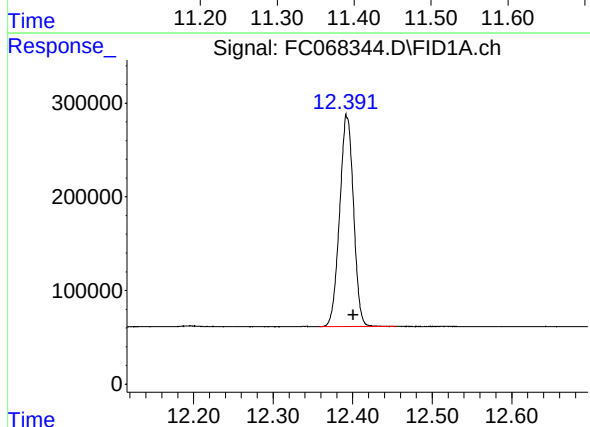
R.T.: 11.088 min
Delta R.T.: -0.006 min
Response: 2869657
Conc: 20.51 ug/ml



#9 ortho-Terphenyl (SURR)

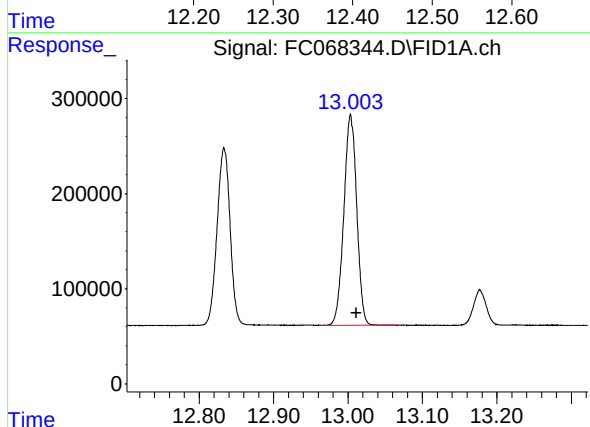
R.T.: 11.392 min
Delta R.T.: -0.008 min
Response: 3186126
Conc: 20.39 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



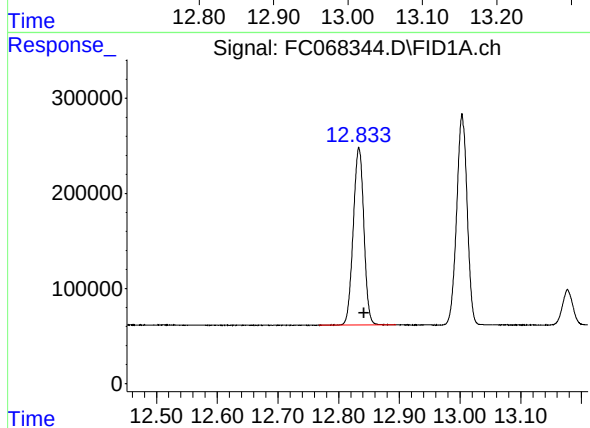
#10 n-Eicosane (C20)

R.T.: 12.393 min
Delta R.T.: -0.008 min
Response: 2739988
Conc: 20.48 ug/ml



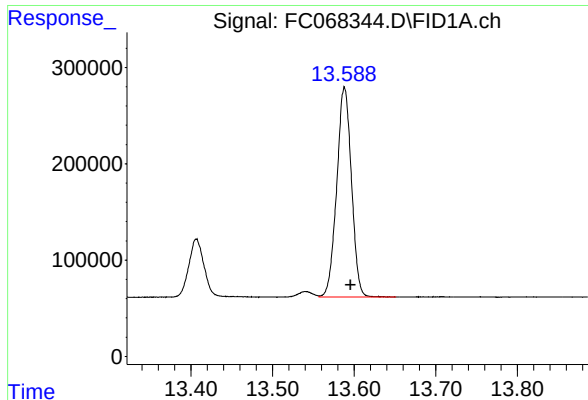
#11 n-Heneicosane (C21)

R.T.: 13.004 min
Delta R.T.: -0.007 min
Response: 2665615
Conc: 20.30 ug/ml



#12 1-chlorooctadecane (SURR)

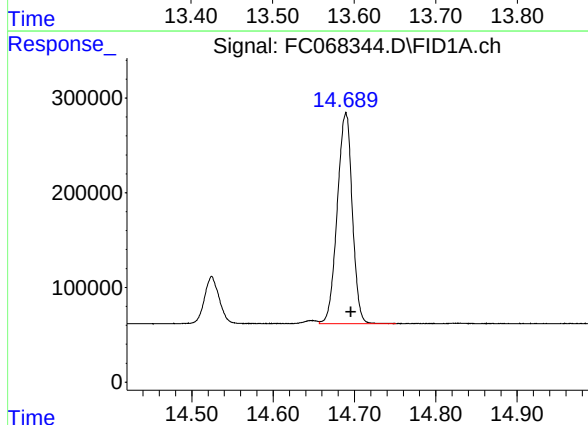
R.T.: 12.833 min
Delta R.T.: -0.008 min
Response: 2272325
Conc: 19.76 ug/ml



#13 n-Docosane (C22)

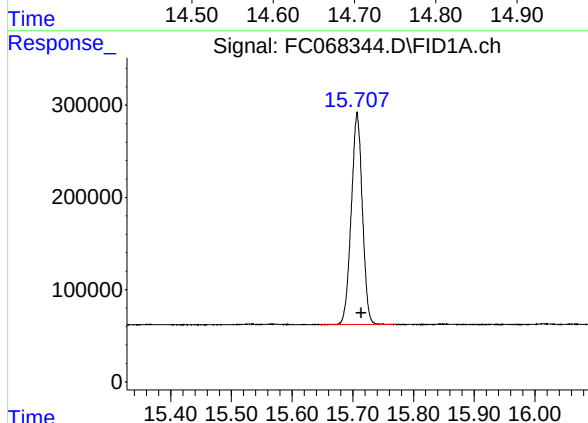
R.T.: 13.588 min
Delta R.T.: -0.008 min
Response: 2727048
Conc: 21.05 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



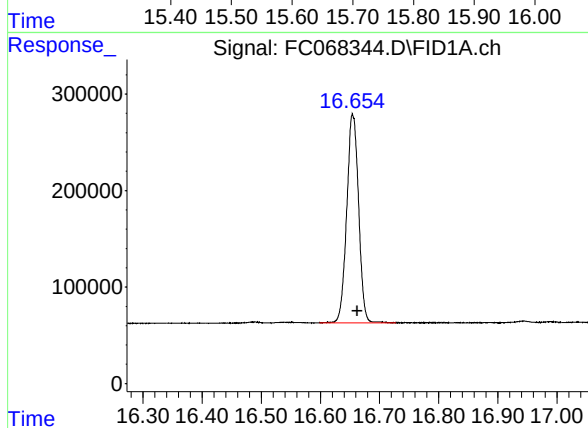
#14 n-Tetracosane (C24)

R.T.: 14.689 min
Delta R.T.: -0.007 min
Response: 2851786
Conc: 22.21 ug/ml



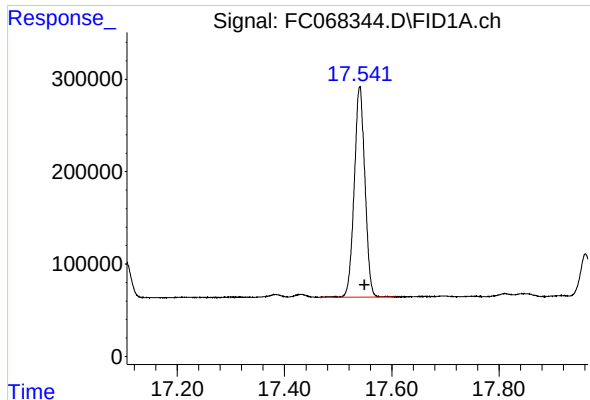
#15 n-Hexacosane (C26)

R.T.: 15.707 min
Delta R.T.: -0.007 min
Response: 2915709
Conc: 23.17 ug/ml



#16 n-Octacosane (C28)

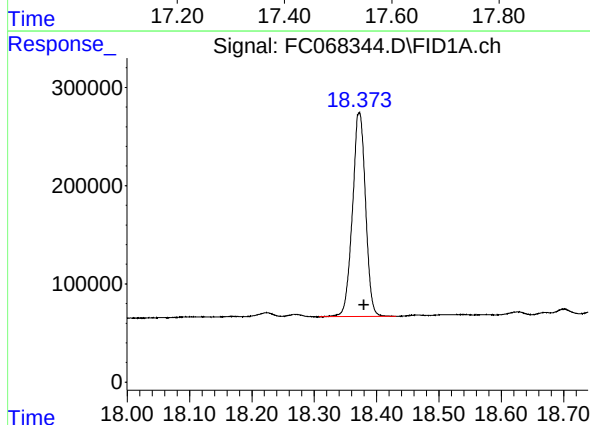
R.T.: 16.655 min
Delta R.T.: -0.007 min
Response: 3013486
Conc: 24.09 ug/ml



#17 n-Tricontane (C30)

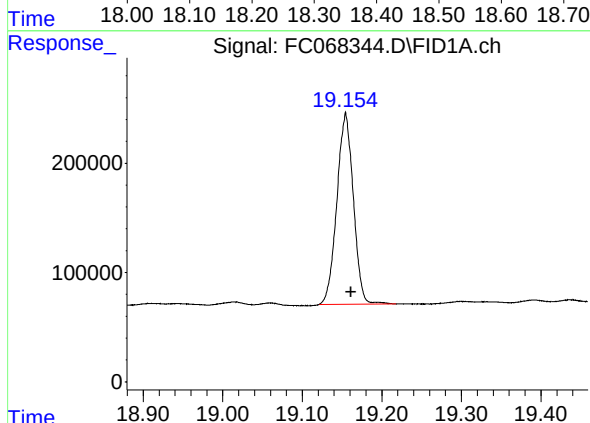
R.T.: 17.540 min
Delta R.T.: -0.009 min
Response: 3151560
Conc: 24.38 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



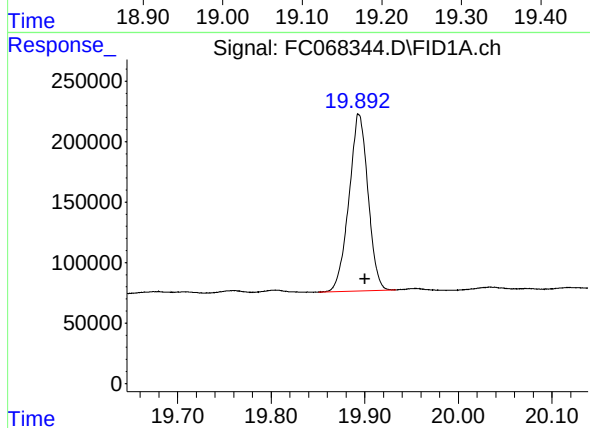
#18 n-Dotriacontane (C32)

R.T.: 18.372 min
Delta R.T.: -0.007 min
Response: 3035386
Conc: 24.28 ug/ml



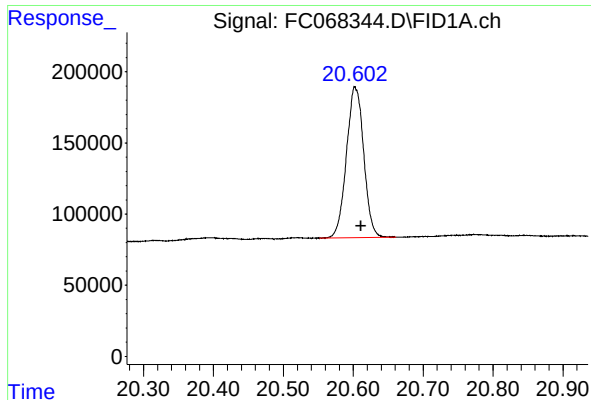
#19 n-Tetatriacontane (C34)

R.T.: 19.154 min
Delta R.T.: -0.007 min
Response: 2519941
Conc: 23.23 ug/ml



#20 n-Hexatriacontane (C36)

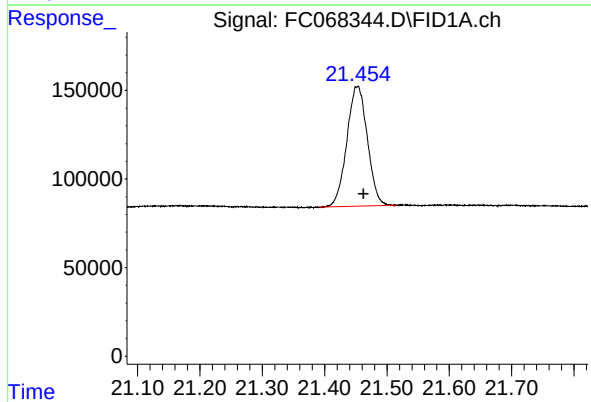
R.T.: 19.894 min
Delta R.T.: -0.006 min
Response: 2066478
Conc: 22.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.603 min
Delta R.T.: -0.008 min
Response: 1819606
Conc: 21.24 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.453 min
Delta R.T.: -0.010 min
Response: 1553593
Conc: 19.21 ug/ml